

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080716\
 Data File : BM006986.D
 Acq On : 08 Aug 2016 09:59
 Operator : UM/SJ
 Sample : H4301-09 2X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA0F0

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Quant Time: Aug 08 16:44:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 15:12:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	210813	20.00	ng/ul	0.00
7) Naphthalene-d8	10.33	136	947869	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.21	164	545704	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.97	188	1225253	20.00	ng/ul	0.00
29) Chrysene-d12	21.18	240	989717	20.00	ng/ul	0.00
34) Perylene-d12	23.37	264	1015907	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.09	96	3684	0.80	ng/uL	0.01
3) Phenol-d5	6.77	99	147343	7.37	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	6.90	67	113238	9.03	ng/ul	0.00
5) 2-Chlorophenol-d4	7.10	132	128169	8.98	ng/ul	0.00
6) 4-Methylphenol-d8	8.30	113	101492	6.08	ng/ul	0.00
8) Nitrobenzene-d5	8.72	128	69788	9.91	ng/ul	0.01
9) 2-Nitrophenol-d4	9.44	143	71490	8.48	ng/ul	0.01
10) 2,4-Dichlorophenol-d3	9.99	165	129984	8.13	ng/ul	0.01
12) 4-Chloroaniline-d4	10.50	131	71606	3.75	ng/ul	0.02
16) Dimethylphthalate-d6	13.63	166	453770	9.45	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	569530	10.25	ng/ul	0.00
20) 4-Nitrophenol-d4	14.54	143	39716m	5.70	ng/ul	0.04
21) Fluorene-d10	15.21	176	405879	9.94	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.39	200	10694	2.11	ng/ul	0.01
26) Anthracene-d10	17.07	188	586052	9.90	ng/ul	0.00
30) Pyrene-d10	19.38	212	570570	12.09	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.23	264	466940	9.65	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.01	178	389670	5.69	ng/ul	99
27) Anthracene	17.10	178	72068	1.00	ng/ul	97
28) Fluoranthene	19.04	202	652869	7.83	ng/ul#	97
31) Pyrene	19.41	202	554674	9.02	ng/ul	99
32) Benzo(a)anthracene	21.17	228	314804	5.36	ng/ul	97
33) Chrysene	21.22	228	323894m	6.27	ng/ul	
35) Benzo(b)fluoranthene	22.72	252	566665	8.55	ng/ul#	96
36) Benzo(k)fluoranthene	22.76	252	156108m	2.44	ng/ul	
38) Benzo(a)pyrene	23.28	252	384894	6.40	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.56	276	342268	5.61	ng/ul	99
40) Dibenzo(a,h)anthracene	25.55	278	110950	2.16	ng/ul#	80
41) Benzo(g,h,i)perylene	26.24	276	455370	9.48	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

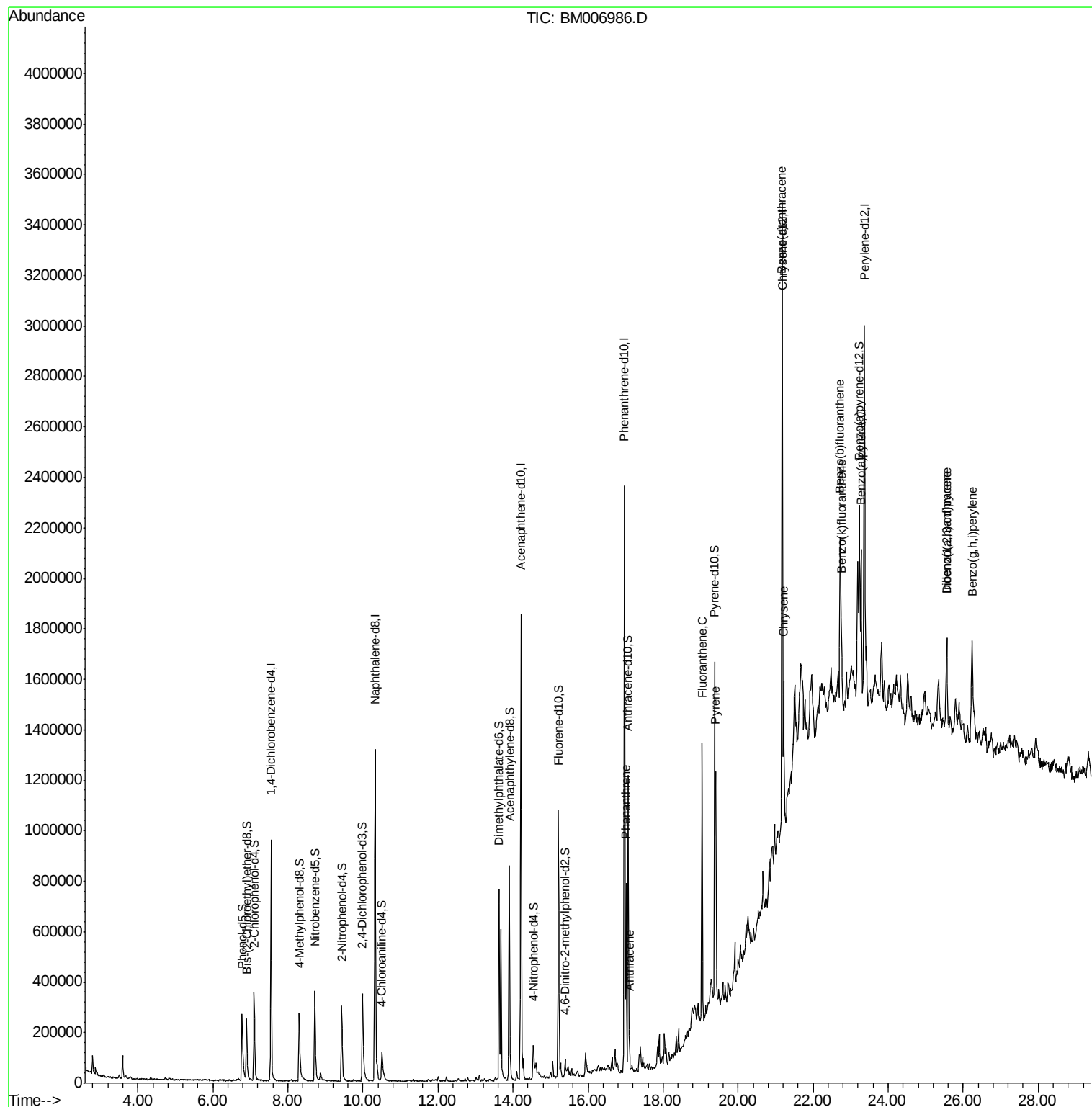
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080716\
Data File : BM006986.D
Acq On : 08 Aug 2016 09:59
Operator : UM/SJ
Sample : H4301-09 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

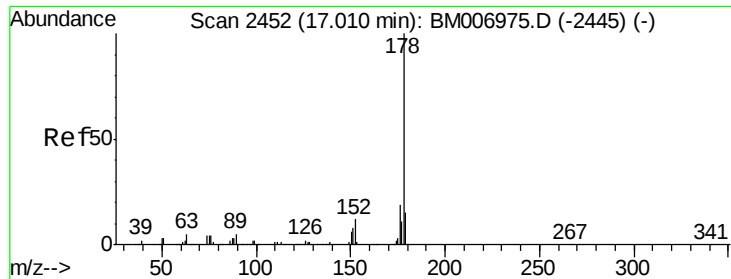
Instrument :
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Quant Time: Aug 08 16:44:14 2016
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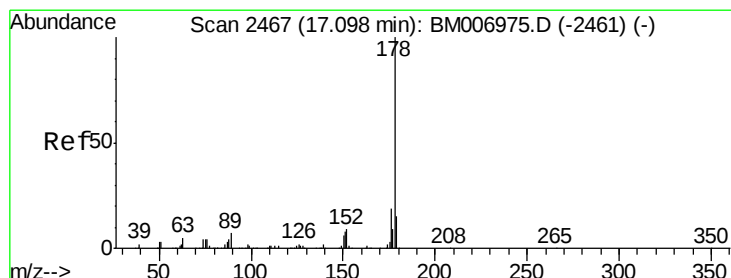
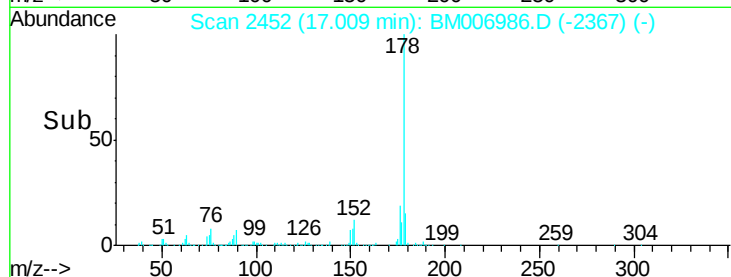
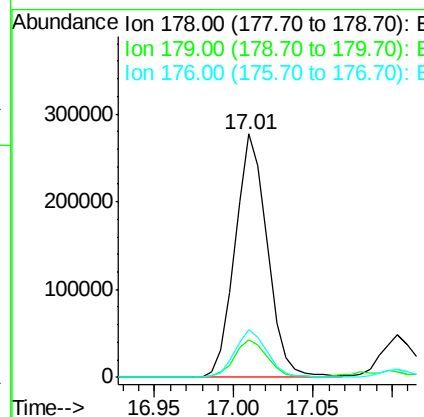
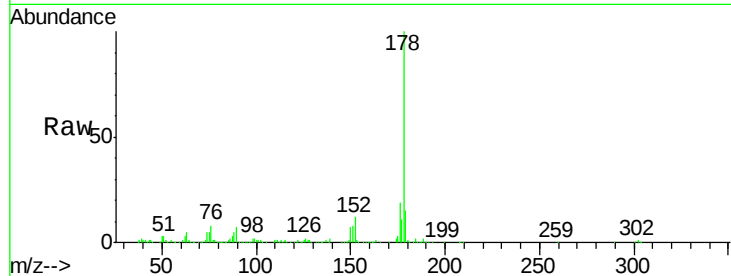
#25
Phenanthrene
Concen: 5.69 ng/ul
RT: 17.01 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BM006986.D
Acq: 08 Aug 2016 09:59

Instrument :
BNA_M
ClientSampleId :
DA0F0

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	389670		
179	15.3	12.0	18.0	
176	19.5	15.0	22.4	

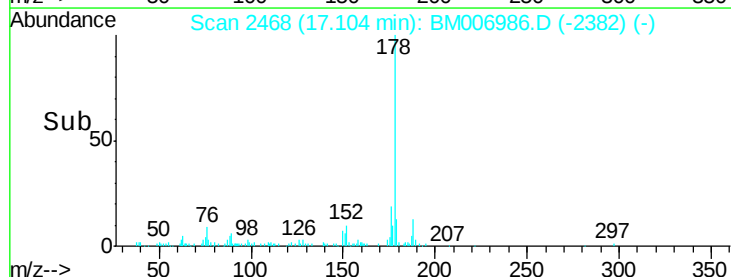
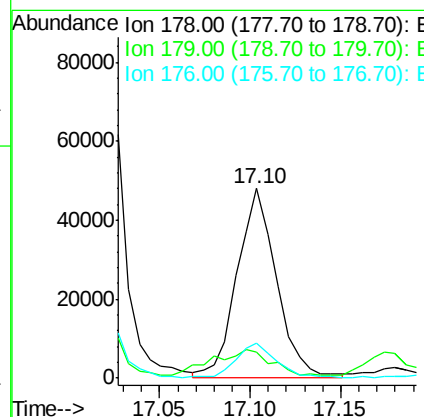
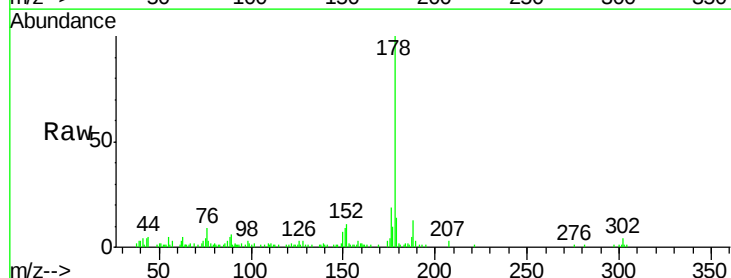
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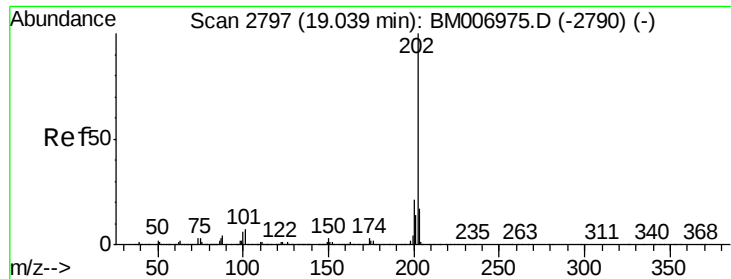
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#27
Anthracene
Concen: 1.00 ng/ul
RT: 17.10 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BM006986.D
Acq: 08 Aug 2016 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	72068		
179	13.7	12.5	18.7	
176	18.7	15.4	23.0	





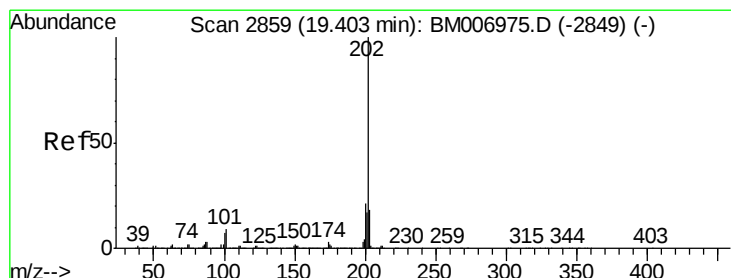
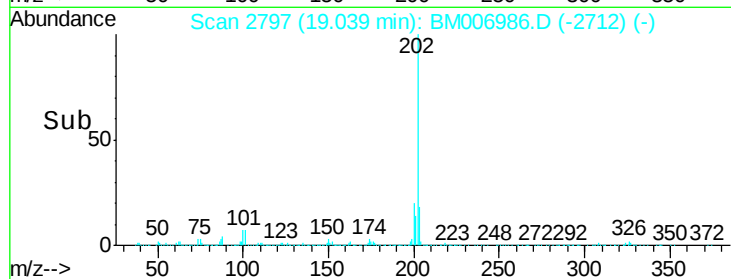
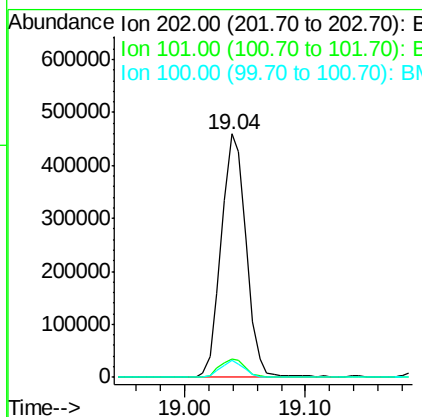
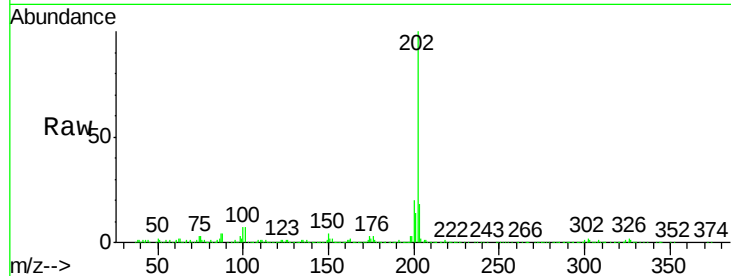
#28
Fluoranthene
 Concen: 7.83 ng/ul
 RT: 19.04 min Scan# 2797
 Delta R.T. -0.00 min
 Lab File: BM006986.D
 Acq: 08 Aug 2016 09:59

Instrument :
 BNA_M
 ClientSampleId :
 DA0F0

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	652869		
101	7.3	5.6	8.4	
100	6.9	4.2	6.4	

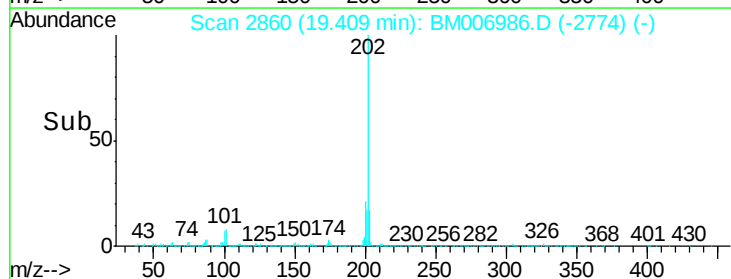
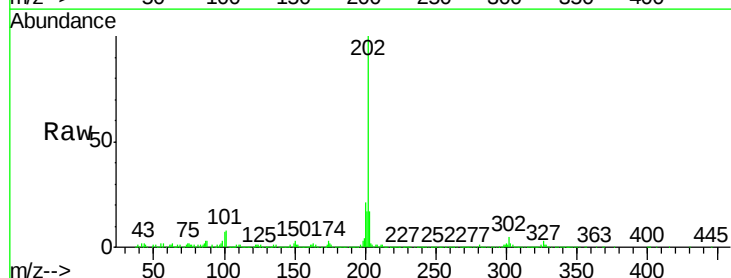
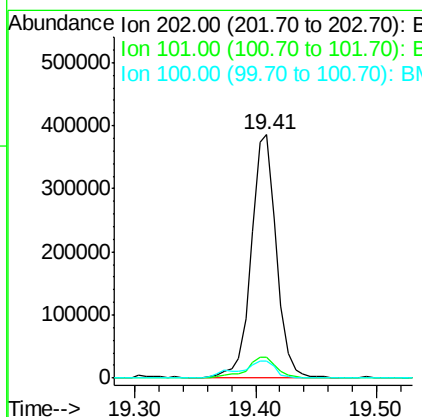
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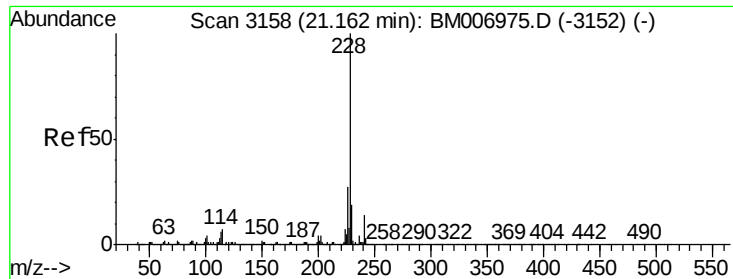
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#31
Pyrene
 Concen: 9.02 ng/ul
 RT: 19.41 min Scan# 2860
 Delta R.T. 0.01 min
 Lab File: BM006986.D
 Acq: 08 Aug 2016 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	554674		
101	8.5	6.4	9.6	
100	7.0	5.4	8.2	





#32

Benzo(a)anthracene

Concen: 5.36 ng/ul

RT: 21.17 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BM006986.D

Acq: 08 Aug 2016 09:59

Instrument :

BNA_M

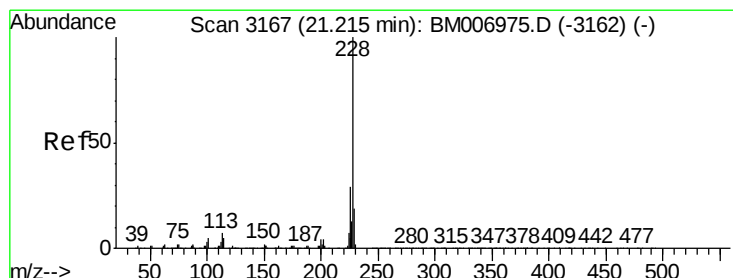
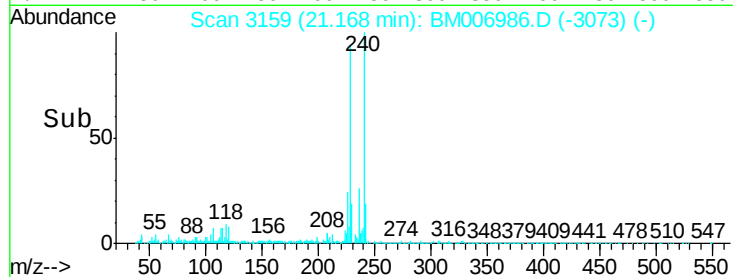
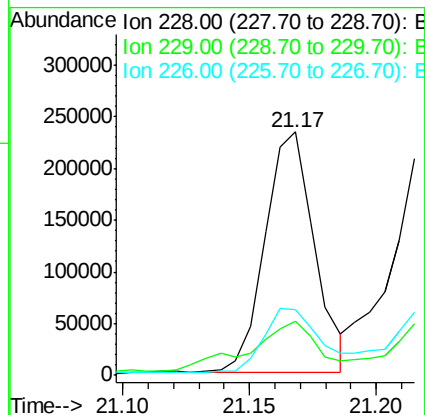
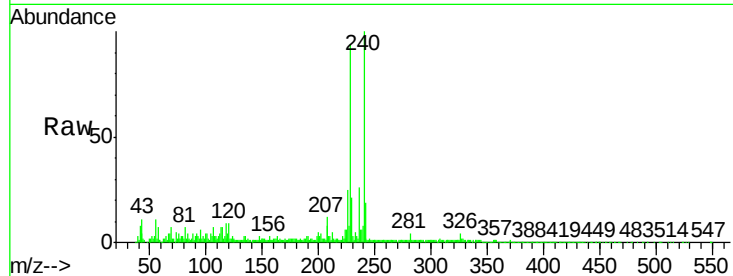
ClientSampleId :

DA0F0

Tgt Ion:	228	Resp:	314804
Ion Ratio		Lower	Upper
228	100		
229	22.1	15.2	22.8
226	26.8	21.3	31.9

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#33

Chrysene

Concen: 6.27 ng/ul m

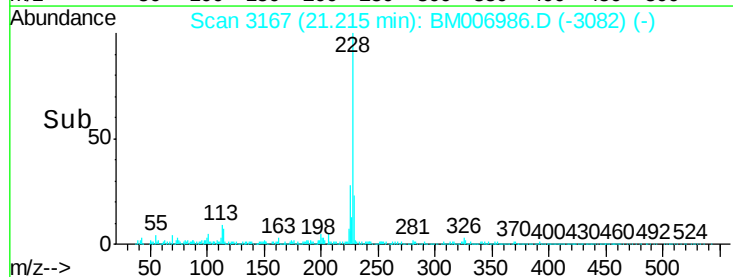
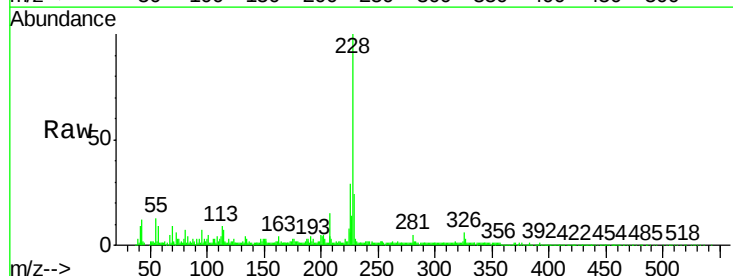
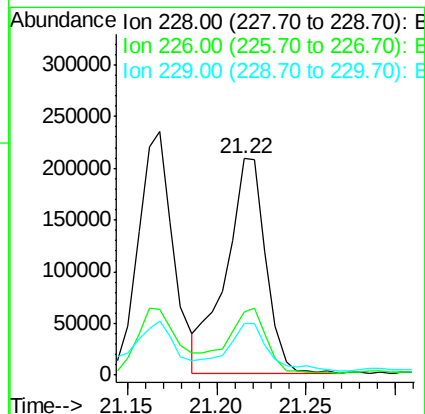
RT: 21.22 min Scan# 3167

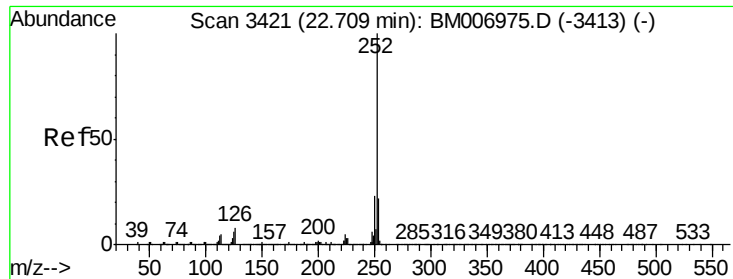
Delta R.T. -0.00 min

Lab File: BM006986.D

Acq: 08 Aug 2016 09:59

Tgt Ion:	228	Resp:	323894
Ion Ratio		Lower	Upper
228	100		
226	29.0	23.8	35.6
229	23.9	15.1	22.7#





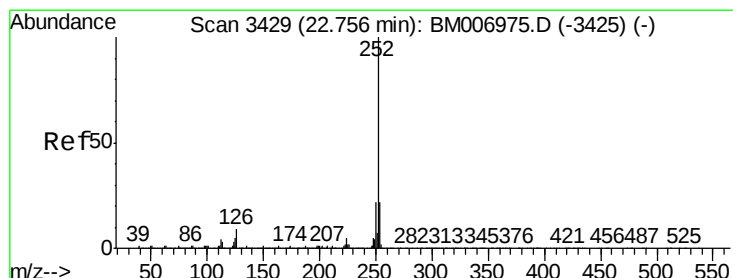
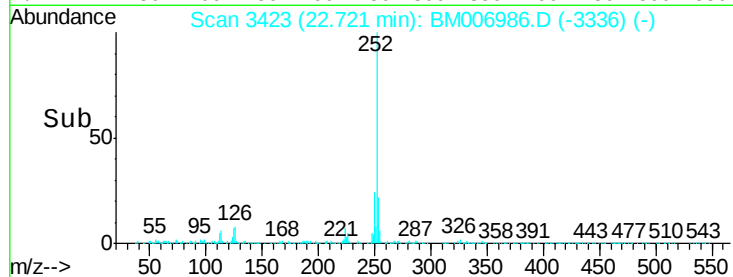
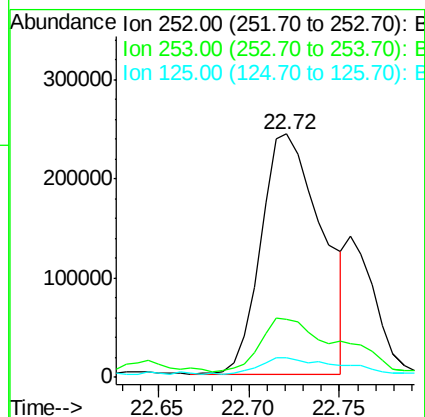
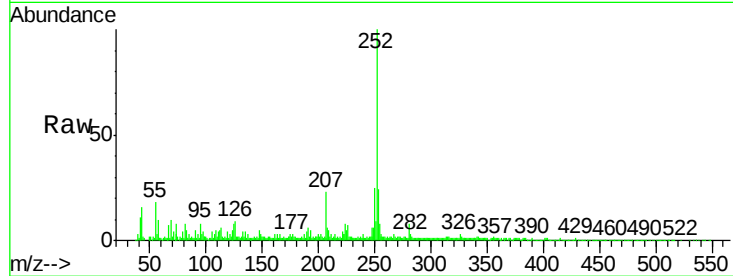
#35
Benzo(b)fluoranthene
Concen: 8.55 ng/ul
RT: 22.72 min Scan# 3423
Delta R.T. 0.01 min
Lab File: BM006986.D
Acq: 08 Aug 2016 09:59

Instrument :
BNA_M
ClientSampleId :
DA0F0

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.6	17.6	26.4
125	8.0	5.1	7.7#

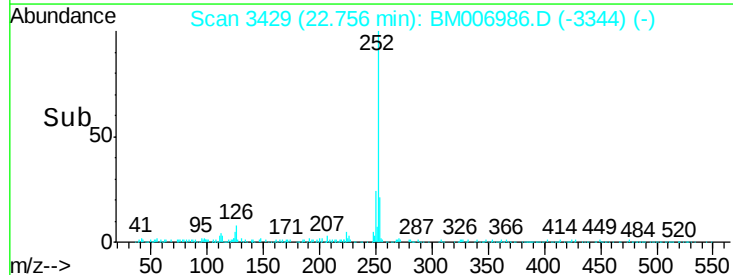
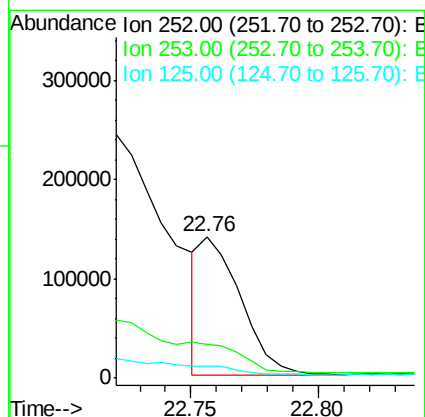
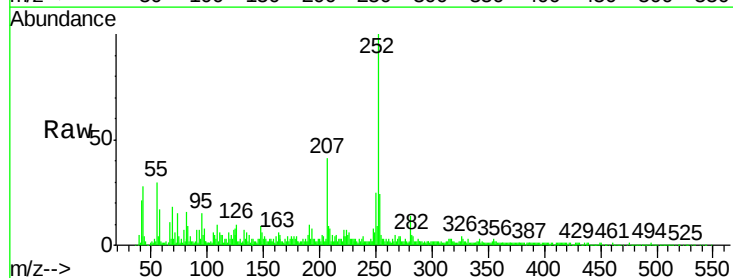
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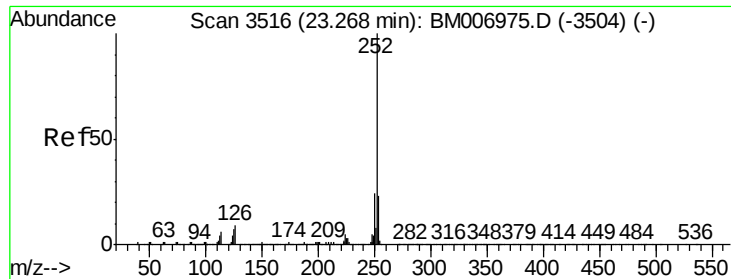
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#36
Benzo(k)fluoranthene
Concen: 2.44 ng/ul m
RT: 22.76 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BM006986.D
Acq: 08 Aug 2016 09:59

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.3	17.2	25.8
125	8.0	5.1	7.7#





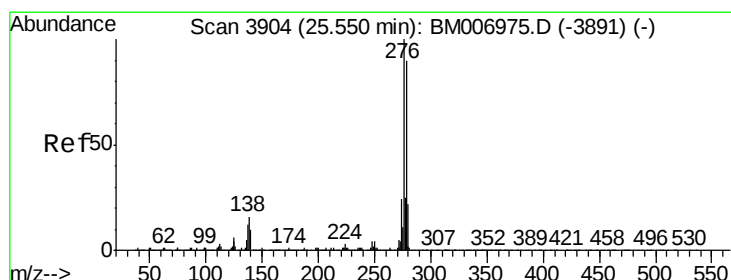
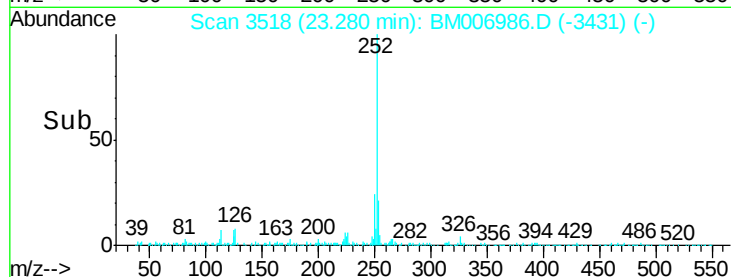
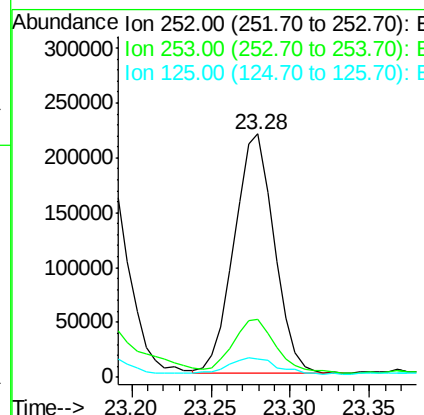
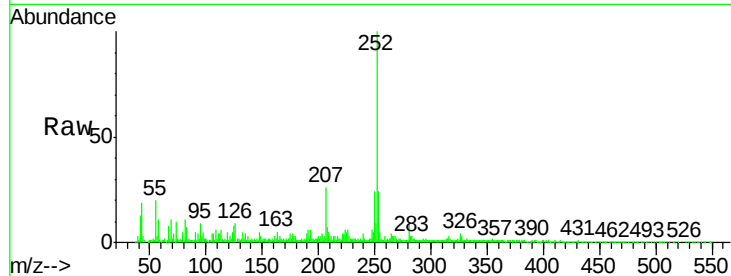
#38
Benzo(a)pyrene
Concen: 6.40 ng/ul
RT: 23.28 min Scan# 3518
Delta R.T. 0.01 min
Lab File: BM006986.D
Acq: 08 Aug 2016 09:59

Instrument :
BNA_M
ClientSampleId :
DA0F0

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.8	18.2	27.2
125	7.7	5.6	8.4

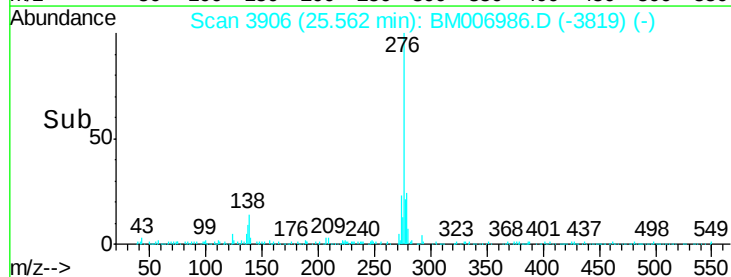
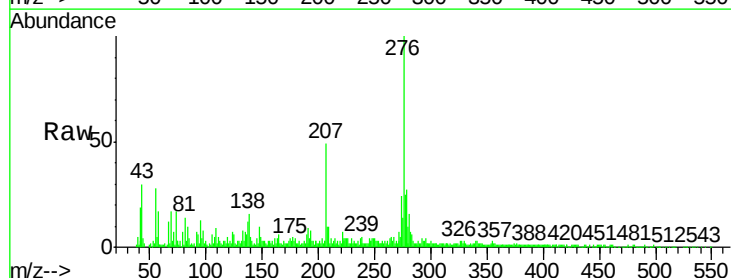
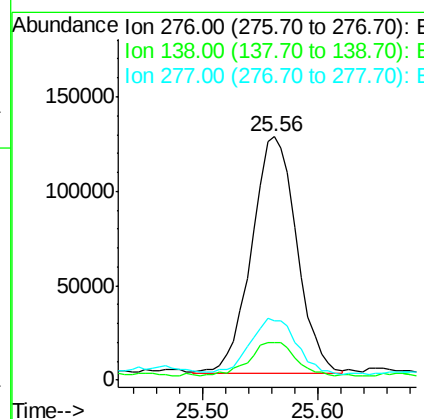
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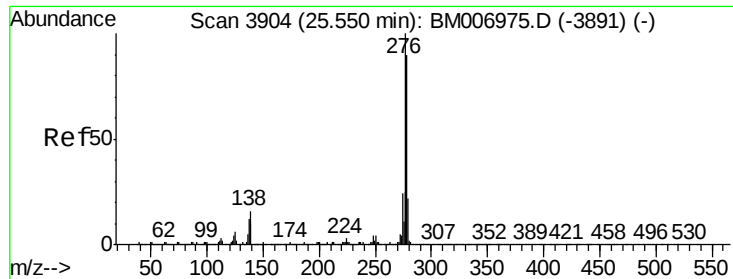
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#39
Indeno(1,2,3-cd)pyrene
Concen: 5.61 ng/ul
RT: 25.56 min Scan# 3906
Delta R.T. 0.01 min
Lab File: BM006986.D
Acq: 08 Aug 2016 09:59

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	15.6	12.6	19.0
277	24.6	20.3	30.5





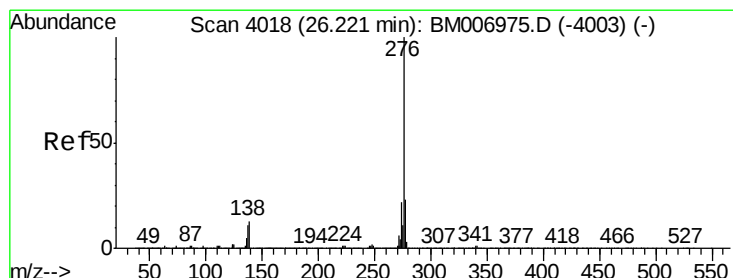
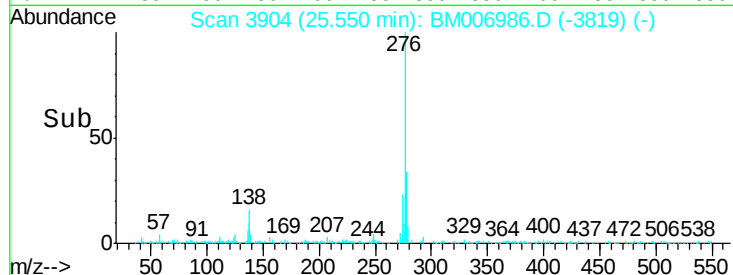
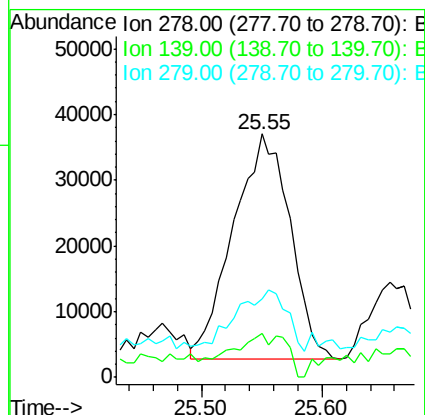
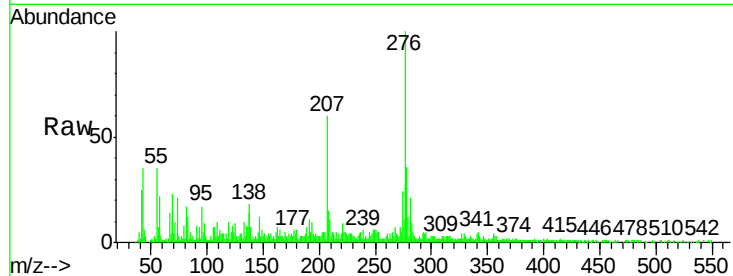
#40
Dibenzo(a,h)anthracene
Concen: 2.16 ng/ul
RT: 25.55 min Scan# 3904
Delta R.T. -0.00 min
Lab File: BM006986.D
Acq: 08 Aug 2016 09:59

Instrument :
BNA_M
ClientSampled :
DA0F0

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	110950		
139	18.2	7.5	11.3#	
279	32.4	19.0	28.4#	

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#41
Benzo(g,h,i)perylene
Concen: 9.48 ng/ul
RT: 26.24 min Scan# 4021
Delta R.T. 0.02 min
Lab File: BM006986.D
Acq: 08 Aug 2016 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	455370		
138	13.4	10.9	16.3	
277	23.1	18.6	27.8	

